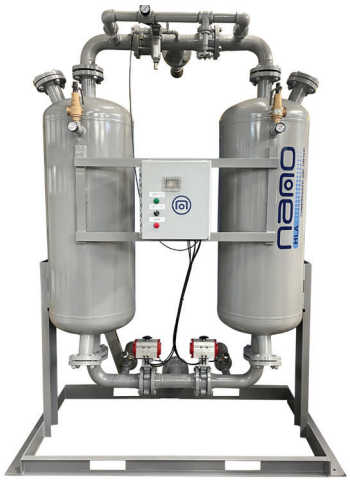
HLA 250

115V/1Ph/60Hz - 250 scfm desiccant air dryer



The nano D5 twin tower heatless desiccant air dryer provides clean dry air for a wide range of industrial applications. These dryers use the pressure swing adsorption principle in a twin tower design to dehydrate and purify compressed air in a simple, efficient and compact package. With digital controls that manage energy consumption and provide dew point monitoring, the D5 twin tower heatless desiccant air dryer provides substantial energy savings under various seasonal conditions for critical applications.

general characteristics	
rated capacity (scfm)*	250
regeneration air (scfm)*	38
absorbed power (kW)	0.35
operating limits	
minimum/design/maximum operating pressure range (psig)	80 / 100 / 150
minimum/design/maximum ambient temperature range (°F)	38 / 100 /120
minimum/design/maximum inlet temperature (°F)	38 / 100 / 120
desiccant chambers	
desiccant type	1/8" activated alumina
desiccant weight (lbs)	250
controls/design	
dryer design	PSA heatless regenerative
controller type	PLC
power supply (V/Ph/Hz)	115/1/60
NEMA rating	NEMA 4X
air circuit	
air circuit connections (NPT(F))	1 ½"
ISO class	
ISO air quality class (water content)	class 2 (-40°F pdp) class 0 or class 1 optional

*in compliance with CAGI (ADF 100) / NFPA (class H): inlet temperature 100°F, ambient temperature 100°F, inlet pressure 100 psig, pressure dew point -40°F (-94°F optional). For all other conditions, contact support@n-psi.com

features

- UL/cUL compliant
- ASME U stamped pressure vessels
- visual moisture indicator
- integral energy saving outlet dew point control (ES optional)
- pre- and after filters recommended
- variety of options including bypass and pre-packaged systems

electrical features

- PLC controller
- fiber glass cUL panel for NEMA 4X protection class
- ETL approved electrical panel

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technical specification

dimensions & weight	
width (in)	43
depth (in)	32
height (in)	87
weight (lbs)	590

*does not include desiccant
**all numbers are approximate